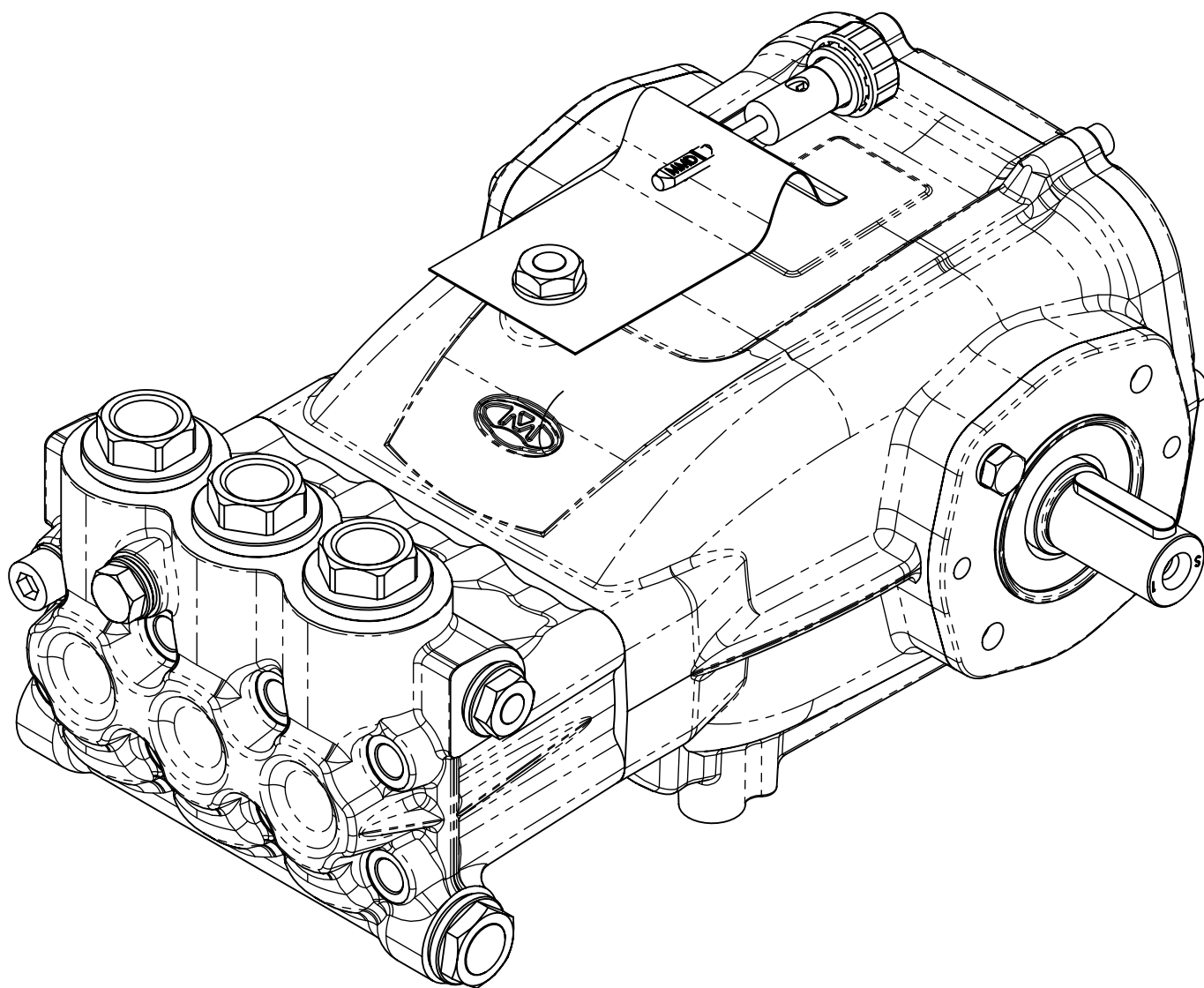


XM-1

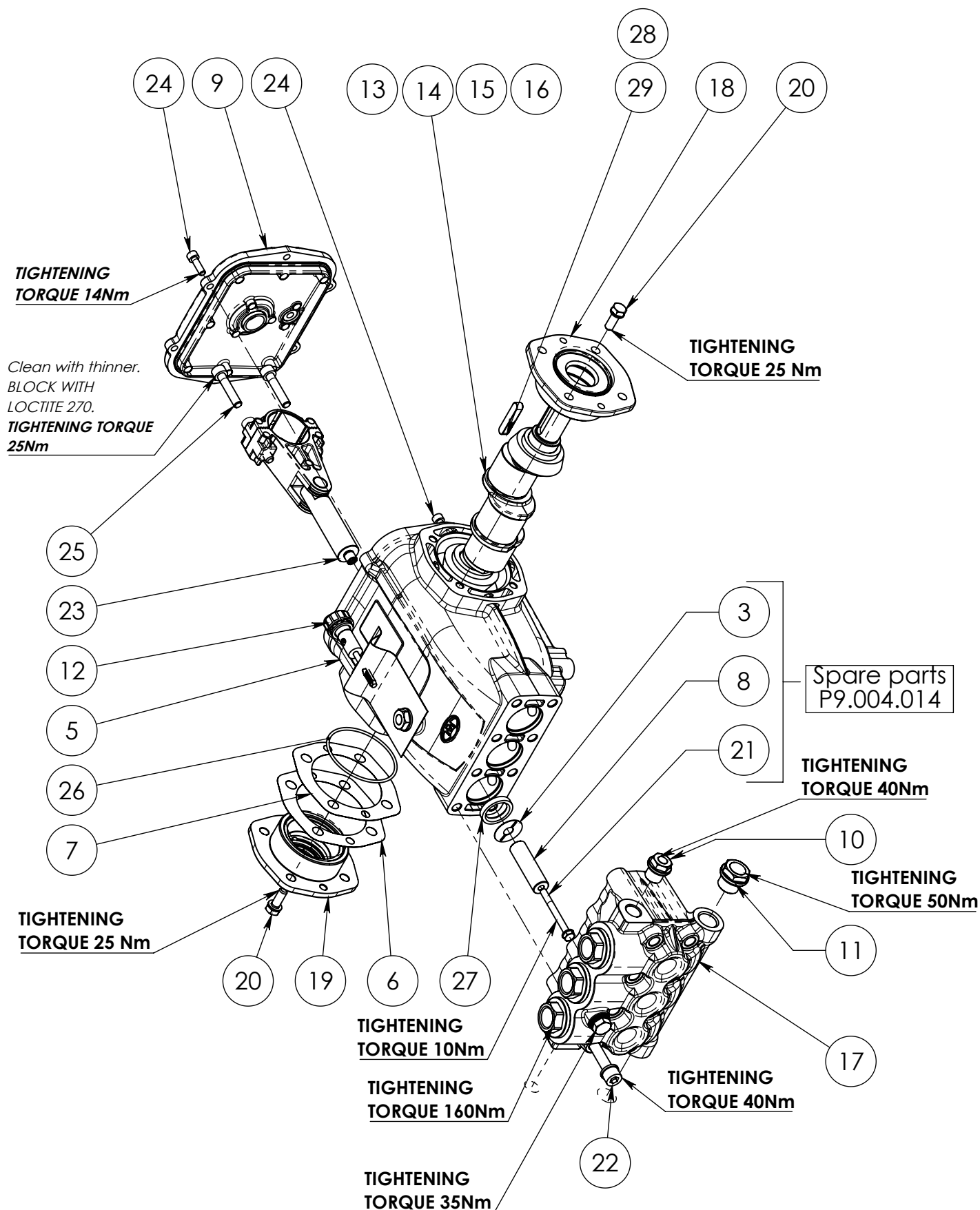


General table

Model	Pressure (Bar)	Pressure (Psi)	Flow Rate 1450 rpm (Lit/min)	Flow Rate 1740 rpm (Lit/min)	Flow Rate 1450 rpm (gpm)	Flow Rate 1740 rpm (gpm)	Round 50Hz (RPM)	Round 60Hz (RPM)	Power 50Hz (Hp)	Power 50Hz (Kw)	Power 60Hz (Hp)	Power 60Hz (Kw)
XM11500 (R-L)	500	7251.89	11.00	13.20	2.91	3.49	1450	1740	14.29	10.58	17.14	12.70
XM15500 (R-L)	500	7251.89	15.00	18.00	3.96	4.76	1450	1740	19.48	14.43	23.38	17.32
XM17500 (R-L)	500	7251.89	17.00	20.40	4.49	5.39	1450	1740	22.08	16.35	26.49	19.62
XM21500 (R-L)	500	7251.89	21.00	25.20	5.55	6.66	1450	1740	27.27	20.20	32.73	24.24

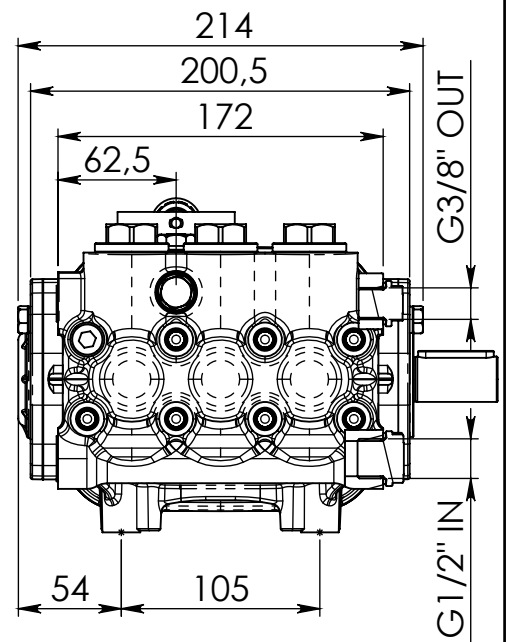
Exploded XM-1

Esploso XM-1

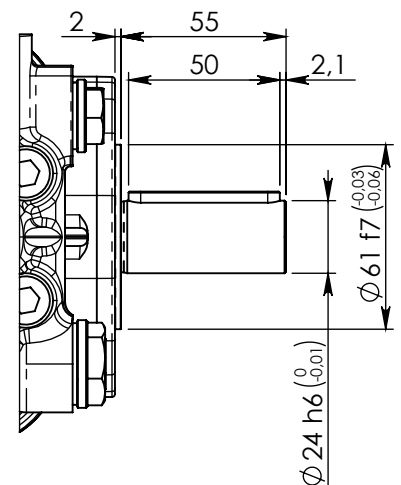
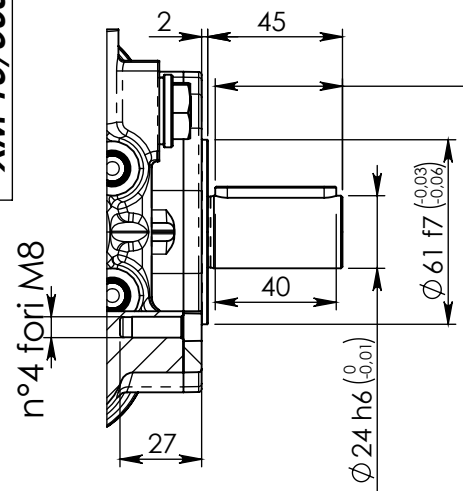




<i>Pos.</i>	<i>XM 11500(R-L)</i>	<i>XM 15500(R-L)</i>	<i>XM 17500(R-L)</i>	<i>XM 21500(R-L)</i>	<i>Code</i>	<i>ITALIANO</i>	<i>ENGLISH</i>	<i>DEUTSCH</i>	<i>ESPAÑOL</i>	<i>FRANCAIS</i>
1	1	1	1	1	P0.007.001	Etichetta 55x34	Label 55x34	Etikett 55x34	Etiqueta 55x34	Étiquette 55x34
2	1	1	1	1	P0.020.004	Olio o Lubrificante GM/XM	Oil or Lubricants GM/XM	Öl oder Schmierstoffe GM/XM	Aceite o lubricante GM/XM	ÖlHuile ou lubrifiant GM/XM
3	3	3	3	3	P1.003.004	Rondella	Washer	Unterlegscheibe	Arandela	Rondelle
4	1	1	1	1	P1.012.052	Tappo	Cap	Deckel	Tapón	Bouchon
5	1	1	1	1	P1.020.004	Corpo Pompa GM1 XM-1	Pump Body GM1 XM-1	Pumpenkörper GM1 XM-1	Cuerpo de la bomba GM1 XM-1	Corps de pompe GM1 XM-1
6	1	1	1	1	P1.060.005	Distanziale 0,1mm	Spacer 0,1mm	Distanzstueck 0,1mm	Distanciador 0,1mm	Entretoise 0,1mm
7	1	1	1	1	P1.060.006	Distanziale sp. 0,2mm	Spacer sp. 0.2mm	Distanzstueck sp. 0.2mm	Distanciador sp. 0.2mm	Entretoise sp. 0.2mm
8	3	3	3	3	P1.071.012	Pistone Ø16 h56 XM-1	Piston Ø16 h56 XM-1	Kolben Ø16 h56 XM-1	Pistón Ø16 h56 XM-1	Piston Ø16 h56 XM-1
9	1	1	1	1	P2.012.005	Coperchio GM-1/XM-1	Cover GM-1/XM-1	Deckel GM-1/XM-1	Tapa GM-1/XM-1	Couvercle GM-1/XM-1
10	1	1	1	1	P2.013.029	Tappo 3/8" GAS	Cap 3/8" GAS	Deckel 3/8" GAS	Tapón 3/8" GAS	Bouchon 3/8" GAS
11	1	1	1	1	P2.013.030	Tappo 1/2" GAS	Cap 1/2" GAS	Deckel 1/2" GAS	Tapón 1/2" GAS	Bouchon 1/2" GAS
12	1	1	1	1	P2.013.037	Tappo MMD GM XM	Cap MMD GM XM	Deckel MMD GM XM	Tapón MMD GM XM	Bouchon MMD GM XM
13	1	-	-	-	P2.014.006	Albero ec. 7.16	Shaft ec. 7.16	Welle ec. 7.16	Eje ec. 7.16	Arbre ec. 7.16
14	-	1	-	-	P2.014.008	Albero ec. 9.9	Shaft ec. 9.9	Welle ec. 9.9	Eje ec. 9.9	Arbre ec. 9.9
15	-	-	1	-	P2.014.009	Albero ec. 10.7	Shaft ec. 10.7	Welle ec. 10.7	Eje ec. 10.7	Arbre ec. 10.7
16	-	-	-	1	P2.014.010	Albero ec. 12.75	Shaft ec. 12.75	Welle ec. 12.75	Eje ec. 12.75	Arbre ec. 12.75
17	1	1	1	1	P2.035.020	Testata pompa XM-1	Pump head XM-1	Pumpekopf XM-1	Cabeza bomba XM-1	Tete de pompe XM-1
18	1	1	1	1	P2.060.003	Flangia P.d.F. GM-1 - XM-1	Flange P.T.O. GM-1 - XM-1	Flansch PTO GM-1 - XM-1	Brida toma de fuerza GM-1 - XM-1	Bride prise de force GM-1 - XM-1
19	1	1	1	1	P2.060.004	Flangia chiusa GM-1 - XM-1	Flange closed GM-1 - XM-1	Flansch geschlossen GM-1 - XM-1	Brida cerrada GM-1 - XM-1	Bride fermée GM-1 - XM-1
20	8	8	8	8	P2.119.002	Vite M8X22	Screw M8X22	Schrauben M8X22	Tornillo M8X22	Vis M8X22
21	3	3	3	3	P2.119.005	Vite M6X60	Screw M6X60	Schrauben M6X60	Tornillo M6X60	Vis M6X60
22	8	8	8	8	P2.119.006	Vite M10X110	Screw M10X110	Schrauben M10X110	Tornillo M10X110	Vis M10X110
23	3	3	3	3	P2.150.007	Biella GM-1 / XM-1	Connecting rod GM-1 / XM-1	Plenelstange GM-1 / XM-1	Biela GM-1 / XM-1	Bielle GM-1 / XM-1
24	6	6	6	6	P4.002.010	Vite M6x20 UNI 5931-67	Screw M6x20 UNI 5931-67	Schrauben M6x20 UNI 5931-67	Tornillo M6x20 UNI 5931-67	Vis M6x20 UNI 5931-67
25	6	6	6	6	P4.002.017	Vite TCEI M8x40 UNI5931-67	Screw TCEI M8x40 UNI5931-67	Schrauben TCEI M8x40 UNI5931-67	Tornillo TCEI M8x40 UNI5931-67	Vis TCEI M8x40 UNI5931-67
26	1	1	1	1	P4.005.041	Guarnizione OR	Gasket OR	Dichtung OR	Guarnición OR	Garniture OR
27	3	3	3	3	P4.015.004	Anello D32-d22x5.5	Ring D32-d22x5.5	Ring D32-d22x5.5	Anillo D32-d22x5.5	Bague D32-d22x5.5
28	-	-	1	1	P4.021.002	Chiavetta 8x7x50 UNI6604-A	Key 8x7x50 UNI6604-A	Keil 8x7x50 UNI6604-A	Chaveta 8x7x50 UNI6604-A	Clavette 8x7x50 UNI6604-A
29	1	1	-	-	P4.021.003	Chiavetta 8x7x40 UNI6604-A	Key 8x7x40 UNI6604-A	Keil 8x7x40 UNI6604-A	Chaveta 8x7x40 UNI6604-A	Clavette 8x7x40 UNI6604-A
30	1	1	1	1	P4.043.001	Protezione ø20	Protection ø20	Scuhtz ø20	Protección ø20	Protection ø20
31	1	1	1	1	P4.043.002	Protezione 15.5	Protection 15.5	Scuhtz 15.5	Protección 15.5	Protection 15.5



Technical drawing of a square plate with a central circular feature and four mounting holes. The plate has a square outer shape with rounded corners and a central circular feature with a smaller central hole. Four mounting holes are arranged in a square pattern. Dimensions include a 45-degree angle, a central hole diameter of 8 JS9 (+0.02/-0.02), a mounting hole diameter of 8, a distance of 27 from the center to the mounting holes, and a total diameter of 89. The mounting holes are labeled (4x) M8.



Spare parts

Ricambi



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.003.009	3	Gruppo valvola XM-1	Valves Group XM-1	Ventil Gruppe XM-1	Groupe Vannes XM-1	Grupo Valvulas XM-1
P2.003.012	3	Valvola	Valve	Ventil	Válvula	Valve
P4.005.023	6	OR 119	O-ring 119	O-Ring 119	OR 119	Joint torique 119

P9.001.004
VALVOLA COMPLETA POMPA XM-1 - **KIT VALVES FOR XM PUMP**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P4.005.017	3	OR 1.78x37.82 GM	O-ring 1.78x37.82 GM	O-Ring 1.78x37.82 GM	OR 1.78x37.82 GM	Joint torique 1.78x37.82 GM
P4.100.010	3	Tenuta pistone posteriore ø16xø24x8	Piston seal back ø16xø24x8	Kolbendichtung zurück ø16xø24x8	Piston sellado posterior ø16xø24x8	Piston joint arrière ø16xø24x8
P4.100.019	3	Tenuta pistone anteriore ø16xø26x9.5	Front piston seal ø16xø26x9.5	Front Kolbendichtung ø16xø26x9.5	Junta del pistón delantero ø16xø26x9.5	Joint de piston avant ø16xø26x9.5

P9.003.046
GUARNIZIONE PISTONE ø16 POMPA XM-1 - **KIT PLUNGER SEALS**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P1.024.013	1	Diffusore Ø16 XM-1	Diffusor Ø16 XM-1	Diffusor Ø16 XM-1	Difusor Ø16 XM-1	Diffuseur Ø16 XM-1
P2.118.020	1	Pressore XM-1	Pressure Ring XM-1	Bague de pression XM-1	Anillo de presión XM-1	Bague de pression XM-1
P4.100.019	1	Tenuta pistone anteriore ø16xø26x9.5	Front piston seal ø16xø26x9.5	Front Kolbendichtung ø16xø26x9.5	Junta del pistón delantero ø16xø26x9.5	Joint de piston avant ø16xø26x9.5

P9.003.047
GUARNIZIONE PISTONE ø16 POMPA XM-1 PACCO COMPLETO - **KIT COMPLETE SEALS**



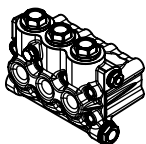
Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P1.003.004	1	Rondella	Washer	Unterlegscheibe	Arandela	Rondelle
P1.071.012	1	Pistone Ø16 h56 XM-1	Piston Ø16 h56 XM-1	Kolben Ø16 h56 XM-1	Pistón Ø16 h56 XM-1	Piston Ø16 h56 XM-1
P2.119.005	1	Vite M6X60	Screw M6X60	Schrauben M6X60	Tornillo M6X60	Vis M6X60

P9.004.014
PISTONE Ø16 POMPA XM-1 - **KIT CERAMIC PISTON**



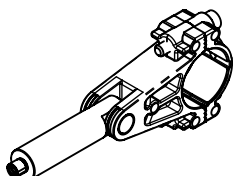
Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P4.015.004	3	Anello D32-d22x5.5	Ring D32-d22x5.5	Ring D32-d22x5.5	Anillo D32-d22x5.5	Bague D32-d22x5.5

P9.039.002
ANELLI TENUTA OLIO ASTA POMPA GM-XM - **KIT OIL SEALS**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.013.029	1	Tappo 3/8" GAS	Cap 3/8" GAS	Deckel 3/8" GAS	Tapón 3/8" GAS	Bouchon 3/8" GAS
P2.013.030	1	Tappo 1/2" GAS	Cap 1/2" GAS	Deckel 1/2" GAS	Tapón 1/2" GAS	Bouchon 1/2" GAS
P2.035.020	1	Testata pompa XM-1	Pump head XM-1	Pumpekopf XM-1	Cabeza bomba XM-1	Tete de pompe XM-1
P4.043.001	1	Protezione ø20	Protection ø20	Scuhtz ø20	Protección ø20	Protection ø20
P4.043.002	1	Protezione 15.5	Protection 15.5	Scuhtz 15.5	Protección 15.5	Protection 15.5

P9.040.007
TESTATA COMPLETA PISTONE ø16 POMPA XM-1 - **COMPLETE HEAD OF THE PUMP**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.150.007	1	Biella GM-1 / XM-1	Connecting rod GM-1 / XM-1	Plenelstange GM-1 / XM-1	Biela GM-1 / XM-1	Bielle GM-1 / XM-1
P4.002.017	2	Vite TCEI M8x40 UNI5931-67	Screw TCEI M8x40 UNI5931-67	Schrauben TCEI M8x40 UNI5931-67	Tornillo TCEI M8x40 UNI5931-67	Vis TCEI M8x40 UNI5931-67

P9.041.005
BIELLA -ASTA POMPA GM-1 - XM-1 - **PREASSEMBLED CONNECTING ROD**

Pump head XM-1

Testata pompa XM-1



Use LOCTITE 270.

**TIGHTENING TORQUE
40Nm.**

*Spare parts
P9.001.004*

*Spare parts
P9.003.046*

*Spare parts
P9.003.047*

**TIGHTENING
TORQUE 25Nm**

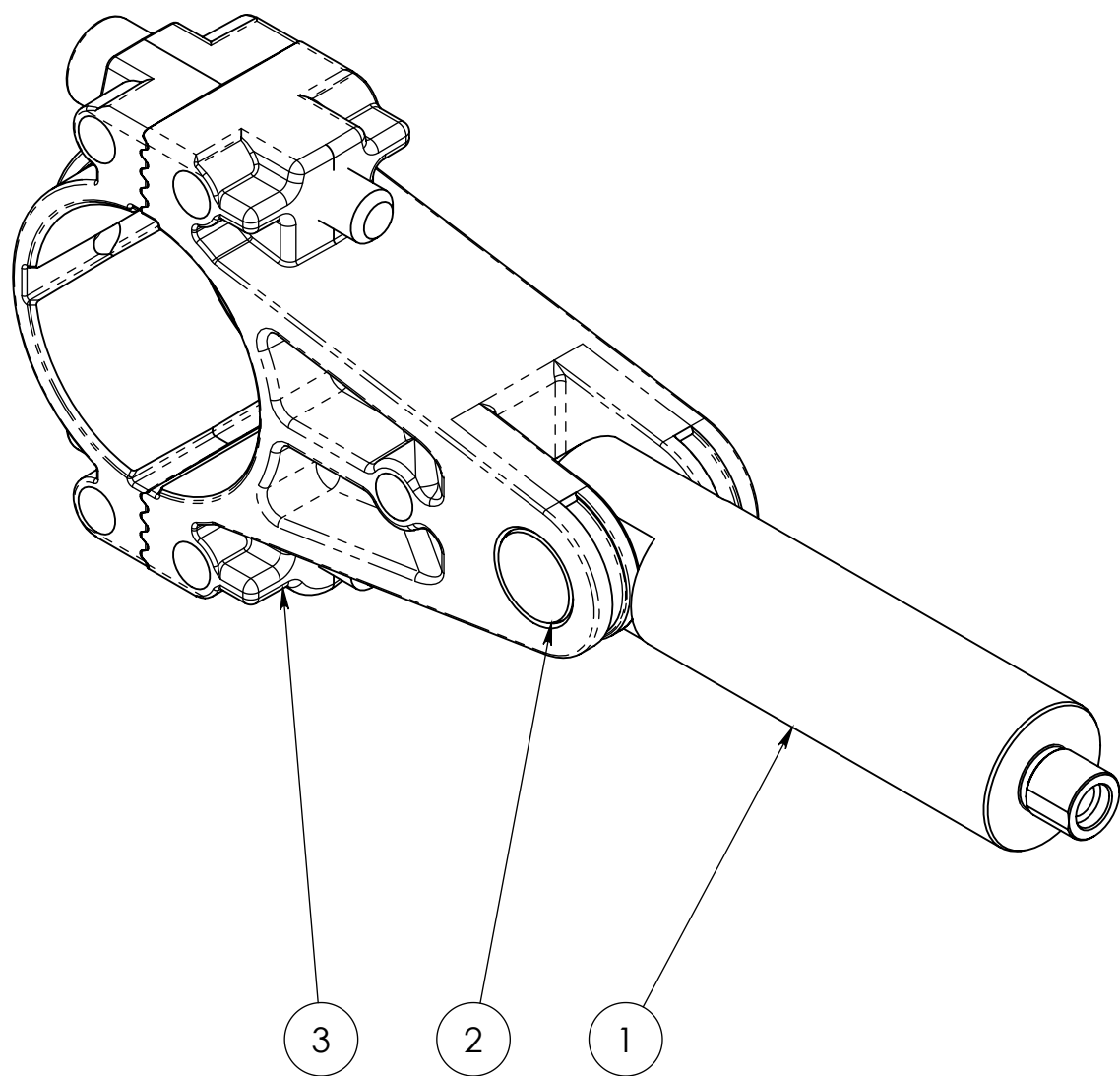
P2.035.020.H

Spare parts P9.040.007

Pos.	Q.Ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
1	1	P1.012.028	Tappe G1/4	Cap G1/4	Deckel G1/4	Tapón G1/4	Bouchon G1/4
2	3	P1.024.013	Diffusore Ø16 XM-1	Diffusor Ø16 XM-1	Diffusor Ø16 XM-1	Difusor Ø16 XM-1	Diffuseur Ø16 XM-1
3	1	P1.043.013	Testata pompa XM-1	Pump head XM-1	Pumpekopf XM-1	Cabeza bomba XM-1	Tete de pompe XM-1
4	3	P2.003.009	Gruppo valvola XM-1	Valves Group XM-1	Ventil Gruppe XM-1	Groupe Vannes XM-1	Grupo Valvulas XM-1
5	3	P2.003.012	Valvola	Valve	Ventil	Válvula	Valve
6	3	P2.013.011	Tappe VAM M32	Cap VAM M32	Deckel VAM M32	Tapón VAM M32	Bouchon VAM M32
7	3	P2.118.020	Pressore XM-1	Pressure Ring XM-1	Bague de pression XM-1	Anillo de presión XM-1	Bague de pression XM-1
7.1	1	P4.100.010	Tenuta pistone posteriore Ø16xØ24x8	Piston seal back Ø16xØ24x8	Kolbendichtung zurück Ø16xØ24x8	Piston sellado posterior Ø16xØ24x8	Piston joint arriere Ø16xØ24x8
7.2	1	P4.005.017	OR 1.78x37.82 GM-XM	O-ring 1.78x37.82 GM-XM	O-Ring 1.78x37.82 GM-XM	OR 1.78x37.82 GM-XM	Joint torique 1.78x37.82 GM-XM
8	6	P4.005.023	OR 119	O-ring 119	O-Ring 119	OR 119	Joint torique 119
9	1	P4.008.007	Rondella Rame 1/4 Ø13x19x1.5	Copper washer 1/4 Ø13x19x1.5	Kupferunterlegsscheibe 1/4 Ø13x19x1.5	Arandela de cobre 1/4 Ø13x19x1.5	Rondelle cuivre 1/4 Ø13x19x1.5
10	3	P4.100.019	Tenuta pistone anteriore Ø16xØ26x9.5	Front piston seal Ø16xØ26x9.5	Front Kolbendichtung Ø16xØ26x9.5	Junta del pistón delantero Ø16xØ26x9.5	Joint de piston avant Ø16xØ26x9.5

Connecting rod GM-1 / XM-1

Biella GM-1 / XM-1



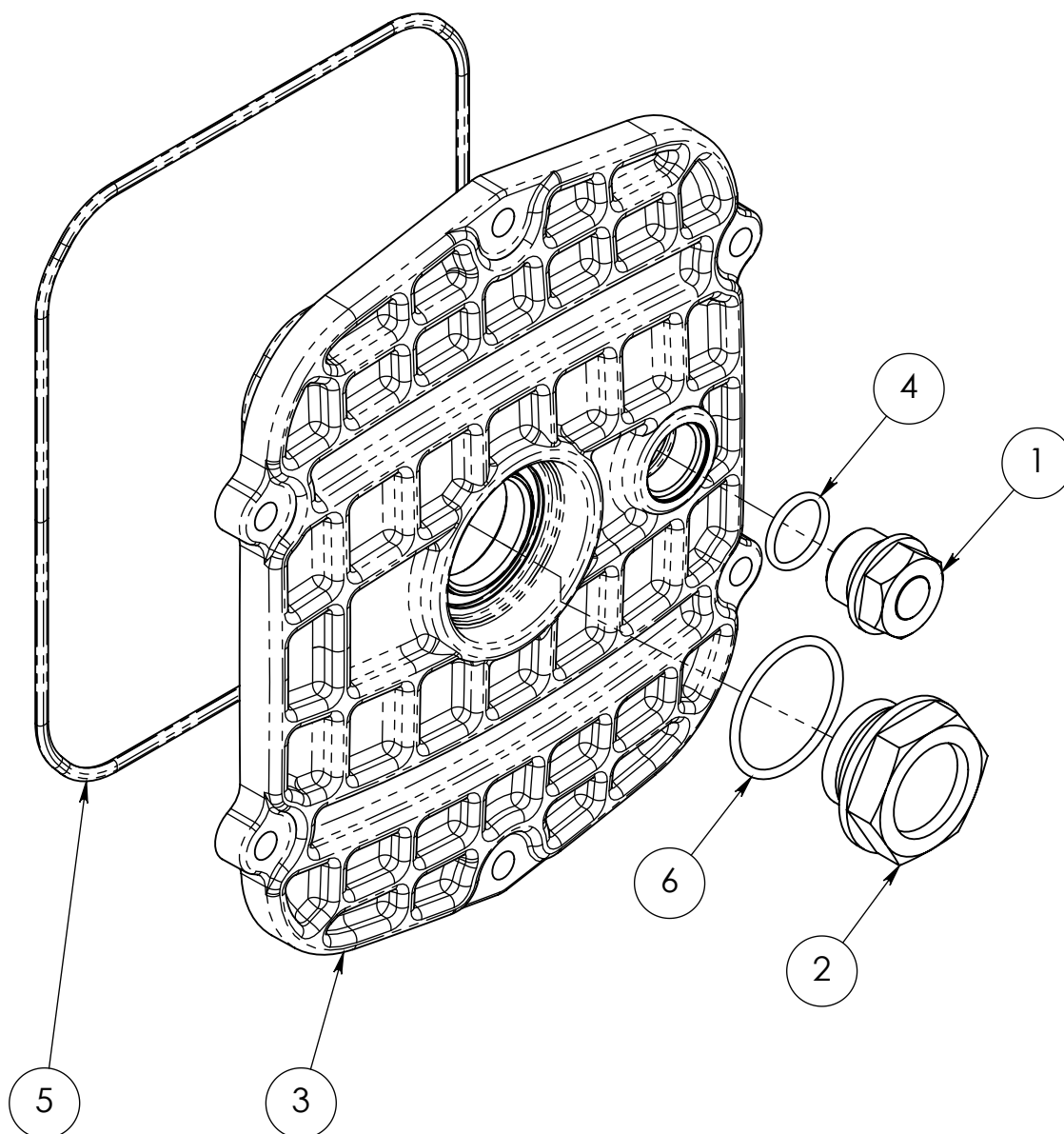
P2.150.007.B

Spare parts P9.041.005

Pos.	Q.Ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
1	1	P1.010.007	Asta GM-1	Pole GM-1	Pfosten GM-1	Asta GM-1	Tige GM-1
2	1	P1.013.003	Spina cilindrica	Cylindrical pin	Zylinder Stift	Pasador cilindrico	Goupille cylindrique
3	1	P1.099.010	Biella GM-1 / XM-1	Connecting rod GM-1 / XM-1	Plenelstange GM-1 / XM-1	Biela GM-1 / XM-1	Bielle GM-1 / XM-1

Cover GM-1/XM-1

Coperchio GM-1/XM-1



P2.012.005.E

Pos.	Q.Ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
1	1	P1.012.003	Tappo G 3/8" H18	Cap G 3/8" H18	Deckel G 3/8" H18	Tapón G 3/8" H18	Bouchon G 3/8" H18
2	1	P1.012.015	Tappo G3/4	Cap G3/4	Deckel G3/4	Tapón G3/4	Bouchon G3/4
3	1	P1.054.011	Coperchio	Cover	Deckel	Tapa	Couvercle
4	1	P4.005.007	Guarnizione OR 2056 14x1.78NBR 70Sh	Gasket OR 2056 14x1.78NBR 70Sh	Dichtung OR 2056 14x1.78NBR 70Sh	Guarnición OR 2056 14x1.78NBR 70Sh	Garniture OR 2056 14x1.78NBR 70Sh
5	1	P4.005.020	OR ø2.62x152.07 NBR 70sh	O-ring ø2.62x152.07 NBR 70sh	O-Ring ø2.62x152.07 NBR 70sh	OR ø2.62x152.07 NBR 70sh	Joint torique ø2.62x152.07 NBR 70sh
6	1	P4.005.030	OR ORM0285-20 (NBR)	O-ring ORM0285-20 (NBR)	O-Ring ORM0285-20 (NBR)	OR ORM0285-20 (NBR)	Joint torique ORM0285-20 (NBR)